WESTON SOLUTIONS, INC.		SOIL BORING LOG			
Project	Turkey Brook	**Boring ID**	SB-05	**Groundwater Levels**	
Location	Oakville, Connecticut	**Well ID**	NA	**Date**	**Depth**
Date Drilled	November 21, 2013	**Drilling Method**	Direct Push	NA	NA
Drilling Company	U.S. EPA OEME*	**Sampling Method**	4-ft. Macrocore		
Operator	Jerry Keefe/Dan Granz	**Completion Depth**	12 feet bgs		
Drill Rig	Geoprobe	**Surface Elevation**	NA		
Logged by	George Mavris - Weston, Superfund Technical Assessment and Response Team (START)				

Depth (ft bgs)	Macrocore Number	Recovery (inches)	Soil Description (Burmister System)	PID Screen (ppm)**
1_ 2_ 3_ 4_	1	34	0 - 3" Dark brown, fine SAND and SILT, trace roots (topsoil). Moist. 3 - 34" Copper brown, coarse-to-medium SAND, little coarse-to-fine gravel (SubA, granitic and gneissic), trace silt. Moist [Fill].	Top = 0.1 Bottom = 0 Length = 0.1
5_ 6_ 7_ 8_	2	44	0 - 13" Copper brown, coarse-to-medium SAND, trace fine-to-coarse gravel (SubR) and silt. Moist [Fill]. 13 - 15" Black, coarse GRAVEL (SubA, gneissic). Dry. [Fill]. 15 - 19" Same as 0 - 13-inch interval. 19 - 21" Whitish-gray, coarse GRAVEL and COBBLES (SubA). Dry. [Fill]. 21 - 35" Reddish-brown, medium-to-fine SAND, trace silt. Moist. [Fill]. 35 - 44" Olive-gray, fine SAND, trace fine gravel and silt. Moist. [Fill].	Top = 0.1 Bottom = 0 Length = 0.1
9_ 10_ 11_ 12_	3	41	0 - 16"*** Brown, coarse-to-medium SAND, trace fine gravel and silt. Wet. 16 - 21" Brown, fine SAND, little silt. Wet. 21 - 41" Brown, medium-to-coarse SAND, trace fine gravel and silt. Wet. **- End of boring at 12 feet bgs -**	Top = 0.1 Bottom = 0 Length = 0.1

Notes:
bgs = below ground surface
ft = feet
ppm = parts per million
NA = Not Applicable
SubA = subangular
SubR = subrounded
PID = Photoionization Detector

PROPORTIONS USED (BY DRY WEIGHT)
0 to 10% = Trace
>10 to 20% = Little
>20 to 35% = Some
>35 to 50% = And
> 50% = Major

* United States Environmental Protection Agency, Office of Environmental Measurement and Evaluation
** MultiRAE Plus Systems multi-gas photoionization detector calibrated to 100 ppm isobutylene, 50 ppm carbon monoxide, 25 ppm hydrogen sulfide, 20.9% oxygen, and 50% methane.
*** Soil sample SB-05 collected from 10 to 16-inch interval from Macrocore No. 3 (8 - 12 feet). PID = 2.1 ppm.

Analytical results for Total Petroleum Hydrocarbons (C9 - C36) = Non-detect [<9.5 milligrams per kilogram (mg/Kg)].